Professional Amplification

ORANGE

THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2006

Product Catalogue
2008

40 YEARS
1968
2008

ORANGE

Welcome to Orange

I just cannot believe that it's 40 years since our first Orange Amplifier and cabinet was made. In the beginning it was a very bumpy ride as I started out with just £50 borrowed from my father.

I have recently taken some time out to create a coffee table book about Orange for our 40th Anniversary year, whilst I can still remember what happened. The book contains lots of information about Orange amplifiers and speaker enclosures, milestones and inside stories connected with the history of Orange.

Last year I was so very proud for Orange to receive the Queen's Award for Industry, the highest award the United Kingdom can confer on a UK company. This year I'm so very proud that the National Association of Music Merchants decided to place one of our 'Plexi' Pics Only amplifiers in their museum in San Diego, USA. With its symbols and colourful looks, this was the first amplifier that broke with tradition and all language barriers.

Our new transformer designs have been a total success extending the frequency range lower and higher than ever before. The extra windings produce sweeter harmonics and exceptional sustain on demand.

When you purchase an Orange valve amplifier you buy the best that money can buy, using only the highest grade of components.

This year also brings some exciting new models and, of course, a 40th Anniversary T-Shirt. The logo on this is a direct copy of the one used on the window of the original Orange shop back in 1968.

Very best wishes, and may you have every success in your world of music.

THE QUEEN'S AWARDS FOR ENTERPRISE: INTERNATIONAL TRADE 2006

Cliff Cooper CEO

40th Anniversary

2008 marks 40 years since the Orange brand was launched. In 1972 Orange created what many refer to as the first true Orange amp. These amps were referred to as 'Pics Only' due to the Hieroglyphics and lack of labels for the controls, and so a fitting model to base our two new 40th Anniversary models on.

Thunderverb

The Thunderverb 200 delivers 200 watts of pure Orange Tone for either Electric Guitar or Retro 70's Bass, The Thunderverb 50 delivers 50 watts of classic British tone to inspire and help create great music. Both these amps prove that here at Orange not only are we continuing our great tradition of creating great sounding valve amplifiers, but that we are also on the cutting edge of guitar amplifier design. Taking the brand forward to meet the demands of Guitarists way into the demanding and exciting Guitar era we now find ourselves in.

Tiny Terror

The Tiny Terror is a Class A 15 watt Valve amp weighing under 6kgs. Since its launch in 2006 it has found home with numerous professional guitarists, producers and engineers across the globe and has truly become the benchmark and industry standard for Class A amplification.

New for 2008 is the long-awaited combo version of the Tiny Terror.

The Rockerverb Series

The Rockerverb was developed to give the sound that musicians require and is not replicated in any other make of amplifier. It has Orange's first four stage, high gain switching lead channel. This range of amps has valve driven reverb and a valve F/X loop. The second switchable channel is probably the cleanest channel you will ever hear giving warm harmonics and the sweetest of sounds.

The AD Series.

The AD30TC combo has consistently stood out above the competition, as confirmed by professional users and reviewers alike. They are fast becoming the new world standard for a 30 watt combo. It retains the original vintage sound and utilises a smooth electron emission valve rectifier, similar to the first original amplifiers ever made. It operates in Class A and its switchable channels, with separate signal paths, result in two vintage amps in one. There is also a head version which is the AD30HTC. These amps have proved so popular worldwide that their specification remains unchanged.

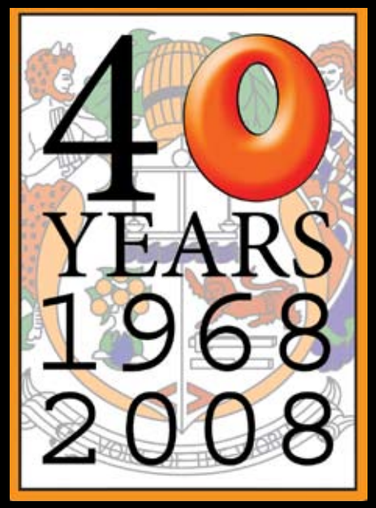
The AD200 Bass MK3 is one of the purest sounding bass amplifiers ever produced. No bells and whistles, just the shortest signal path which gives the best results. This bass amplifier is outstanding and without competition. There is no solid state circuitry in any of our valve amplifiers.

40th Anniversary

40th Anniversary Custom Shop

We are proud to present to you this extremely 'Ltd Edition' model as part of our Anniversary Celebrations.
Only 40 of these amplifiers will be produced this year, additionally each unit built will have a unique circuit and its own name.
Finished in our classic Orange Vinyl, with a gold ended vintage type strap handle and gold beading and featuring a Plexi Glass front panel based on the first true Orange Amplifiers, the 'PICS ONLY'
These amps will all feature a hand wired point to point construction, using only the finest components available and our patent applied for output transformers.
These are set to become historic in their own right and immediate collectors items.

Power: 50 Watts RMS
Valves: 2 x 12AX7 preamp, 2 x EL34 power
Controls: Volume, Bass, Middle, Treble and Presence.
Ext. Speaker out: 1x16ohm, 2x8ohms
Dimensions: (WxHxD) 55x24x24cm
Weight (kg): 20



Orange OR50

As with the 40th Anniversary Custom shop, the OR50 will feature a Plexi Glass front panel, gold beading, and the gold ended strap handle and as always our patent applied for output transformers.
If you are looking for an amp with real vintage charm then the OR50 is for you.
Featuring a classic 50 watt British power stage and single channel master volume design, this amp has more character than anything else in its class. From sparkling clean tones to sizzling powerful retro overdrive, this amp rocks out with the best of them. It truly needs to be heard to be believed!!!
Additionally the amp features a foot-selectable Master Volume/Attenuator, so even though it's a single channel amp you can switch in a boost for solos or simply use at any level in the studio.

Power: 50 Watts RMS
Valves: 2 x 12AX7 preamp, 2 x EL34 power
Controls: Master Volume, HF Drive Bass, Middle, Treble and Gain.
Ext. Speaker out: 1x16ohm, 2x8ohms
Dimensions: (WxHxD) 55x24x24cm
Weight (kg): 20

PPC412-LTD

The PPC412-LTD is as close to an original Orange 4x12 as possible. Featuring 4 Celestion G12H anniversary speakers, gold beading, the Ltd Edition 40th Anniversary logo and a centre baffle post.

SPEAKER CONFIGURATION:
4 x 12" Celestion Anniversary Edition
POWER HANDLING: 120 Watts RMS, 16 ohm
CABINET CONSTRUCTION: 13 ply High Density 18mmBirch Plywood
DIMENSIONS: (W x H x D) 78 x 74 x 38cm
WEIGHT (kg): 50

Rocker

Rocker 30 Head - Twin Channel Valve Amplifier

All valve, 30 watt, Class A operation channel switching head. This amplifier combines a single stage clean channel with a three stage pre-amp lead channel. The natural channel has just one control (natural volume) that takes you through many shades of perfectly balanced, bell like clean tones, until you hit the very musical harmonic overdrive of the output valves. The dirty channel takes you all the way from a super clean chime, through many colours of vintage overdrive. Tones that bite like a shark, all the way through to a very fat, harmonically intense, full-on distortion that has to be played to be believed!

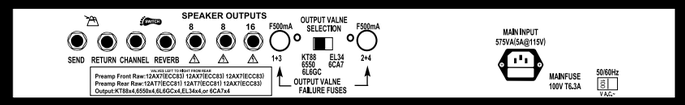
CONTROLS:
NATURAL CHANNEL = Volume
DIRTY CHANNEL = Gain, Lo, Middle, Hi, Volume
OUTPUT POWER: 30 Watts (RMS)
VALVES: Preamp = 3 x ECC83. Output = 2 x EL34
EXT. SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D) 55 x 24 x 24cm
WEIGHT (kg): 15

Rockerverb

Rockerverb 100 Head - Twin Channel Class A/B Amplifier

All valve, 100 watt, channel switching head with valve FX loop and valve driven reverb.
This amplifier has the same pre-amp channels, pre-amp and FX loop as the Rockerverb 50 but has the original Orange 100 watt output stage. Two additions to this output stage are the output valve fusing system and a special bias switch which enables you to use quartets of output valves of different types (6CA& / EL34 / 6L6 / 5881 / KT88). A quartet of 6CA7 / EL34 come as standard in this head, along with our new and unique 'Reverse Snake 8' output transformer design.
We at Orange think you'll agree that the Rockerverb 100 is the best sounding ever in its class.

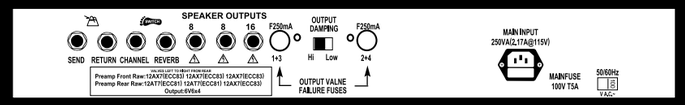
CONTROLS:
CLEAN CHANNEL = Volume, Bass, Treble
DIRTY CHANNEL = Gain, Bass, Middle, Treble, Volume
REVERB CONTROL = for both channels (Foot Switchable)
FEATURES: Reverb, FX Loop, Output Valve Select, Failure Fuse
OUTPUT POWER: Class A/B 100 Watts (RMS)
VALVES: Preamp = 4 x ECC83, Output = 4 x EL34, Reverb & FX Loop = 2 x ECC81
SPEAKER OUT: 1 x 16-ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D) 55 x 24 x 28cm
WEIGHT (kg): 23



Rockerverb 50 Head - Twin Channel Class A/B Valve Amplifier

All valve, 50 watt, channel switching head with valve FX loop and valve driven reverb. This amplifier utilises a two stage clean channel with a four stage dirty channel. The clean channel on this amp is one of the smoothest and cleanest ever produced and produces a unique power valve overdrive when pushed to the max. The bass and treble controls are interactive with each other giving a wide range of superb tones from a channel with only three controls. The dirty channel is liquid fire! This four stage gain machine can produce anything from an articulate clean chime, through all of the classic rhythm / crunch sounds with original Orange character, all the way up until you reach a gain level that is quite simply outrageous. The quartet of 6V6 output valves and a new exclusive F8 output transformer design, help give the Rockerverb 50 its uncompromising tone. Although more expensive to produce, the sound is so special we believe it excels way above the specification of current high end valve amplifiers.

CONTROLS:
CLEAN CHANNEL = Volume, Bass, Treble
DIRTY CHANNEL = Gain, Bass, Middle, Treble, Volume
REVERB CONTROL = for both channels (Foot Switchable)
FEATURES: Reverb, FX Loop, Output Damping (Hi, Lo), Failure Fuse
OUTPUT POWER: 50 Watts (RMS)
VALVES: Preamp = 4 x ECC83, Output = 4 x 6V6, Reverb & FX Loop = 2 x ECC81
SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D) 55 x 24 x 28cm
WEIGHT (kg): 20



Combos

Rocker 30 Combo - Twin Channel Valve Combo

All valve, 30 watt, Class A operation channel switching combo. This unit incorporates the Rocker 30 head in a high quality constructed cabinet utilising 13 ply high density 18mm birch plywood. Loaded with a heavy duty 12" Celestion 'Vintage 30' loudspeaker. The great qualities of the Rocker 30 head are combined with the convenience of its own acoustically tuned speaker enclosure.

CONTROLS:
NATURAL CHANNEL = Volume
DIRTY CHANNEL = Gain, Lo, Middle, Hi, Volume
OUTPUT POWER: 30 Watts (RMS)
VALVES: Preamp = 3 x ECC83, Output = 2 x EL34
EXT. SPEAKER OUT: 1 x 16-ohms, 2 x 8-ohms
SPEAKER CONFIGURATION: 1 x 12" Celestion Vintage 30
DIMENSIONS: (W x H x D) 52 x 45 x 30cm
WEIGHT (kg): 24

Rockerverb 50 Combo - Twin Channel Valve Combo

All valve, 50 watt, channel switching combo, with valve FX loop and valve driven reverb. This unit incorporates the Rockerverb 50 head in a high quality constructed cabinet utilising 13 ply high density 18mm birch plywood. Loaded with two heavy duty 12" Celestion 'Vintage 30' loudspeakers. The combo incorporates the new exclusive F8 concept in output transformer design.

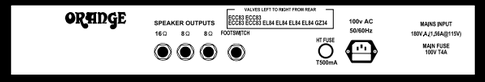
CONTROLS:
CLEAN CHANNEL = Volume, Bass, Treble
DIRTY CHANNEL = Gain, Bass, Middle, Treble, Volume
REVERB CONTROL = for both channels (Foot Switchable)
FEATURES: Reverb, FX Loop, Output Damping (Hi, Lo), Failure Fuse
OUTPUT POWER: 50 Watts (RMS)
VALVES: Preamp = 4 x ECC83, Output = 4 x 6V6, Reverb & FX Loop = 2 x ECC81
EXT. SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
SPEAKER CONFIGURATION: 2 x 12" Celestion Vintage 30
DIMENSIONS : (W x H x D) 66 x 54 x 30cm
WEIGHT (kg): 37

AD30

AD30TC Head / Combo

All valve, 30 watt, Class A channel switching head / combo. This amplifier sports two dual stage channels with completely separate signal paths. The result is two vintage amps in one. Channel One has a thick, creamy, classic voice that barks like a Rottweiler when pushed into the tone zone. Channel Two has a tighter, springy and slightly faster character with a little more upper mids and a bit more gain. The AD30TC combo has consistently stood out above the competition, as confirmed by professional users and reviewers alike. It retains the original vintage sound and utilises a smooth electron emission GZ34 valve rectifier, similar to the first original amplifiers ever made and operates in 'Class A'. This makes the AD30TC a true force to be reckoned with when played alongside any 'vintage' classic and high price tag, boutique amplifier. This amp and combo have proved so popular worldwide that their specification remains unchanged. They are fast becoming the new world standard for 30 watt Class A valve amplifiers.

CONTROLS:
Gain, Bass, Middle, Treble, Master on each channel
FEATURES: Twin Channel (with Silent switching)
OUTPUT POWER: Class A 30 Watts (RMS)
VALVES: Preamp = 4 x ECC83 double triode,
Output = 4 x EL84 pentode, Rectifier = GZ34 / 5AR4
EXT. SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D) 55 x 24 x 24cm
WEIGHT (kg): 18



The combo version of the AD30TC is identical in specification to the head but has two Celestion 'Vintage 30s' in an open back acoustically designed enclosure, made from 13 ply high density 18mm birch plywood to further enhance the sound

CONTROLS: Gain, Bass, Middle, Treble, Master on Each Channel
FEATURES: Twin Channel (with Silent switching)
OUTPUT POWER: Class A 30 Watts (RMS)
VALVES: Preamp = 4 x ECC83 double triode, Output = 4 x EL84 pentode,
Rectifier = GZ34 / 5AR4
EXT. SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
SPEAKER CONFIGURATION: 1 x 12" Celestion Vintage 30
DIMENSIONS: (W x H x D) 66 x 52 x 30cm
WEIGHT (kg): 36

Thunderverb 200 Head

THUNDERVERB 200 HEAD featuring ETR (Extended Tonal Range)

Twin Channel Class AB Amplifier. All valve, 200 watt RMS, channel switching head with footswitchable attenuator, valve FX loop and valve driven reverb. This amplifier sports two clean/crunch/lead channels which each have three stages of gain. Channel A has the same three band EQ as the lead channel used on the Rockerverb series. Channel B has a new shape control that scoops the mids and increases the bass and treble when turned up.
This head also has a footswitchable attenuator for those really loud lead breaks. Nothing can match the bone crushing, bottom end punch of this big stage tone machine. Even when used quietly you know you are commanding serious power. A full three-inch `Dual Snake Eight` transformer ensures that the bottom end is kept fast and tight and the upper mids and top end are kept sweet and musical at any volume. The Extended Tonal Range enables this revolutionary amplifier also to be used as a bass head.

CONTROLS:
CHANNEL A = Gain, Shape, Volume.
CHANNEL B = Gain, Bass, Middle, Treble, Volume.
ATTENUATOR CONTROL: For both channels (Foot Switchable)
REVERB CONTROL: For both channels (Foot Switchable)
FEATURES: Attenuator, Reverb, 100 watt switch (on rear)
OUTPUT POWER: 200 watts (RMS)
VALVES: Preamp = 4 x ECC83, Output = 4 x 6550 / KT88, Reverb & FX Loop = 2 x ECC81.
SPEAKER OUT: 2 x 4 ohms, 2 x 8 ohms (200 watt) or 2 x 8 ohms, 2 x 16 ohms (100 watt)
DIMENSIONS: (W x H x D) 550 x 260 x 280 mm
WEIGHT (kg): 30

Thunderverb 50 Head

THUNDERVERB 50 HEAD

As with its bigger brother the Thunderverb 50 features, 2 channels, footswitchable attenuator, valve FX loop and valve driven reverb. Each channel has clean/crunch/lead settings which each have three stages of gain. Channel A has the same three band EQ as the lead channel used on the Rockerverb series. Channel B has a new shape control that scoops the mid's and increases the bass and treble when turned up. This footswitchable attenuator is ideal for those louder lead breaks.
The 50 watt power section lends itself to a classic British valve tone for those that want to drive their amps.

CONTROLS:
CHANNEL A = Gain, Shape, Volume.
CHANNEL B = Gain, Bass, Middle, Treble, Volume.
ATTENUATOR CONTROL: For both channels (Foot Switchable)
REVERB CONTROL: For both channels (Foot Switchable)
FEATURES: Attenuator, Reverb, 100 watt switch (on rear)
OUTPUT POWER: 50 watts (RMS)
VALVES: Preamp = 4 x ECC83, Output = 2 x EL34 Reverb & FX Loop = 2 x ECC81.
SPEAKER OUT: 2 x 8 ohms, 2 x 16 ohms
DIMENSIONS: (W x H x D) 550 x 260 x 280 mm
WEIGHT (kg): 24

Custom Shop

Orange Retro 50 Head

Each amplifier is individually and expertly crafted using only the finest graded components which are hand wired, point to point using heavy gauge copper wiring. Built to perfection, each of these incredible amplifiers is an individual masterpiece! The Orange Custom Shop is constantly designing and innovating to bring you new and exciting models. Due to their popularity, sometimes there is a waiting list for these specialist amplifiers, so we would advise you to place your order well in advance. All orders are supplied in strict rotation and are individually signed and dated on the inside of the chassis by the engineer.

The Retro 50 Head brings you the vintage Orange tones. Beautifully handcrafted in the Orange custom shop, this amazing guitar amp is absolutely full of "Retro" sounds. This model also features a footswitchable gain boost and a separate Class A/B and Class A output selection switch on the rear panel.`

CONTROLS: Gain, Bass, Middle, Treble, Master
FEATURES: Foot Switchable EQ Bypass
OUTPUT POWER: Class A/B 50 Watts (RMS) Class A 30 Watts (RMS)
VALVES: Preamp = 2 x 12AX7, Output = 2 x EL34
SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D) 55 x 24 x 24cm
WEIGHT (kg): 21
Combo version also available, Loaded with 2 x 12" Celestion Vintage 30 Speakers

Orange AD50 Head

The AD50 is Orange's no holds barred tone machine.
All valve, and point to point wired with gain, bass, treble, presence and master controls. There's also a footswitchable sustain boost, which bypasses the EQ to give more sustain. A separate rear panel switch allows 50 watts RMS 'Class AB' or 30 watts RMS 'Class A' output selection.

CONTROLS: Gain, Bass, Treble, Presence, Master
FEATURES: Foot Switchable EQ Bypass
OUTPUT POWER: Class A/B 50 Watts (RMS) Class A 30 Watts (RMS)
VALVES: Preamp = 2 x 12AX7, Output = 2 x EL34
SPEAKER OUT: 1 x16 ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D) 55 x 24 x 24cm
WEIGHT (kg): 21

Tiny Terror

TINY TERROR HEAD - Portable Single Channel Class A Amplifier

All valve, 15 watt portable guitar head. Featuring a unique two stage preamp which has massive tonal range using just three controls. When driven, this little amp has nearly as much gain as most four stage lead channels! The Tiny Terror puts a lot of high priced, boutique amps to shame with its clean crunch to full on overdrive sounds. At mid gain settings this valve head has masses of vintage British character. The Tiny Terror has been built to the same rugged specification as the bigger Orange amps and its portability makes it perfect for gigging around town or rehearsing. The Tiny Terror switches from 15 to 7 Watts for studio use and recording.
This professional little amplifier is a record producer's dream and comes complete with a padded travel gig bag.

CONTROLS: Gain, Tone, Volume.
FEATURES: 7/15 watt switch and maximum portability.
OUTPUT POWER: 15 watts (RMS)
VALVES: Preamp = 2 x ECC83, Output = 2 x EL84.
SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D) 305 x 155 x 135 mm
WEIGHT: (kg): 6

Due to popular request we are proud to introduce the new Tiny Terror Combo. Utilising the same amplifier section as the award-winning head, fitted with a G12H Anniversary speaker, this combo will find even more fans for the already classic Tiny Terror.

CONTROLS: Gain, Tone, Volume.
FEATURES: 7/15 watt switch and maximum portability.
OUTPUT POWER: 15 watts (RMS)
VALVES: Preamp = 2 x ECC83, Output = 2 x EL84.
SPEAKER: Celestion G12H Anniversary, 30 Watts RMS
SPEAKER OUT: 1 x 16 ohms, 2 x 8 ohms
DIMENSIONS: (W x H x D): TBC
WEIGHT: (kg): 14

AD200 Bass

Orange AD200 Mk3 Bass Head

The new AD200 Bass MK3 is one of the purest sounding bass amplifiers ever produced. No bells and whistles, just the shortest signal path which gives the best results. This amplifier has become the bass players' favourite, is outstanding and without competition, producing the purest sounds throughout the bass spectrum.

CONTROLS: Gain. Bass, Middle, Treble, Master
FEATURES: Dual input (Passive, Active), Slave Out, Failure Fuse
OUTPUT POWER: 200Watts (RMS)
VALVES: Preamp = 2 x ECC83, 1 x ECC81 / 12AT7, Output = 4 x 6550 / KT88
SPEAKER OUT: 1 x 8 ohms, 2 x 4 ohms
DIMENSIONS: (W x H x D) 55x24x24cm
WEIGHT (kg): 25

This superb bass enclosure is made from 13 ply high density 18mm birch plywood, with tough skids on the base of the cabinet for enhanced stage connection. Acoustically compartmented internally for strength and anti-vibration. By technical design and high quality construction this enclosure is superior to any competition.

SPEAKER CONFIGURATION: Heavy Duty 4 x 10" Speakers with Crossover and high quality HF Horn
POWER HANDLING: 600 Watts RMS 8 ohms
CONNECTION: Speakon and Standard 1/4" Jack
CABINET CONSTRUCTION: 13 Ply High Density18mm Birch Plywood
DIMENSIONS: (W x H x D) 62 x 64 x 46cm
WEIGHT (kg): 43

This superb 15" speaker bass enclosure is made from 13 ply high density 18mm birch plywood, with tough skids on the base of the cabinet for enhanced stage connection. This Hi-Tec designed enclosure is side ported and provides for speaker 'self correction'. Internally strutted to avoid cabinet vibration, this enclosure will not rattle, sounds amazing and will extend the bottom end sound of the OBC410 enclosure.

SPEAKER CONFIGURATION: Heavy Duty 15" Bass Driver
POWER HANDLING: 400 Watts RMS, 8 ohm
CONNECTION: Speakon and Standard 1/4" Jack
FEATURES: Side Ported
CABINET CONSTRUCTION: 13 Ply High Density18mm Birch Plywood
DIMENSIONS: (W x H x D) 62 x 51 x 46cm
WEIGHT (kg): 30

Speaker Cabinets

Orange speaker enclosures, like their amplifiers, are built to last using extremely rugged construction and manufacturing techniques. Every Power Projection Cabinet (PC) is manufactured utilising 13 ply high density 18mm birch plywood throughout. Our unique skid design feet help acoustically couple our cabinets to the stage to provide a tighter bass response and full range definition. All enclosures are equipped with Celestion Vintage 30 speaker units and feature comfortable flush cabinet handles.

PPC112

SPEAKER CONFIGURATION:
1 x 12" Celestion Vintage 30
POWER HANDLING: 60 Watts RMS, 16 ohm
CABINET CONSTRUCTION: 13 ply High Density 18mm Birch Plywood
DIMENSIONS: (W x H x D) 52 x 45 x 30cm
WEIGHT (kg): 10

PPC212

SPEAKER CONFIGURATION: 2 x 12" Celestion Vintage 30
POWER HANDLING: 120 Watts RMS,16 ohm
CABINET CONSTRUCTION: 13 ply High Density 18mm Birch Plywood
DIMENSIONS: (W x H x D) 78 x 53 x 38cm
WEIGHT (kg): 28

PPC212-COB

SPEAKER CONFIGURATION:
2 x 12" Celestion Vintage 30
POWER HANDLING: 120 Watts RMS, 16 ohm
CABINET CONSTRUCTION: 13 ply High Density 18mm Birch Plywood
FEATURES: Combo Sized and Open Back Design
DIMENSIONS: (W x H x D) 66 x 52 x 30cm
WEIGHT (kg): 20

Speaker Cabinets

PPC412

SPEAKER CONFIGURATION: 4 x 12" Celestion Vintage 30
POWER HANDLING: 240 Watts RMS, 16 ohm
CABINET CONSTRUCTION: 13 ply High Density 18mm Birch Plywood
DIMENSIONS: (W x H x D) 78 x 74 x 38cm
WEIGHT (kg): 50

PPC412HP-8

High Power, Mono (8 ohms) Stereo (16 ohms) 4 x 12 Cabinet
SPEAKER CONFIGURATION: 4 x12" Celestion G12 K 100
POWER HANDLING:
400 Watts RMS, 8 ohms or 2 x 200 watts RMS,16 ohms.
DIMENSIONS: (W x H x D) 780 x 740 x 380 mm
WEIGHT: (kg) 50

PPC412AD

SPEAKER CONFIGURATION:
4 x 12" Celestion Vintage 30
POWER HANDLING: 240 Watts RMS, 16 ohm
CABINET CONSTRUCTION: 13 ply High Density 18mm Birch Plywood
FEATURES: Slope Front
DIMENSIONS: (W x H x D) 78 x 74 x 38cm
WEIGHT (kg): 50

Crush

Orange Crush Electric Guitar Range

The first thing you notice about the Orange Crush is the cool looks. Just like its bigger brothers Crush has the legendary Orange Basket Weave Tolex, woven speaker grille and of course the Orange signature 'picture frame' edging. But it's not just cool looks... Plug into any of these great little amps and you'll soon realise they are Orange through and through!

Micro Crush CR3

1 Watt, Built in Tuner, Overdrive Function,
Volume and Tone, Headphone out,
9 Volt Battery Power (or PSU),
4" Speaker, Wood Cabinet

Orange Crush CR10

10 watts RMS, 3 Band EQ,
Two Gain Levels, Master Volume,
Headphone out, 6" Speaker.

Orange Crush CR15/15R

15 watts RMS, 3 Band EQ,
Switchable Overdrive, Master Volume, Headphone Out, 8" Speaker
Crush 15 R - As Crush 15 with addition of spring reverb

Crush

Orange Crush CR30

30 watts RMS, 30 Band EQ,
Footswitchable overdrive (can also
switch on front panel),
Spring Reverb, High and Low Input,
Headphone Out, Line out,

ORANGE Crush BASS

The Orange Crush Bass range, like the guitar amps, feature everything you would expect from an Orange amp. Including the acoustically transparent black speaker grille used on the world's leading Orange valve bass series. Whether you're looking for practice, portability or low level rehearsing, there is an Orange Crush Bass Amp to suit your needs.

CR20B, 20 Watts RMS, Gain, 3 Band EQ,
Master Volume, Headphone Socket.

CR35B, 35 Watts RMS, Gain, 3 Band EQ,
Master Volume. Line out, Speaker Out,
Headphone Socket.

Accessories

Since its introduction the original Orange T-Shirt has gained a cult status. There are many people wearing them that don't even own an amplifier! Check out our website for full details of colour, sizes, designs and other items available. All Orange merchandise is available through our website www.orangeamps.com or your local Orange dealer. Designs might differ slightly to those illustrated.

T - Shirts

Baseball Caps

Beenie Hats

Guitar Strings Bass Strings

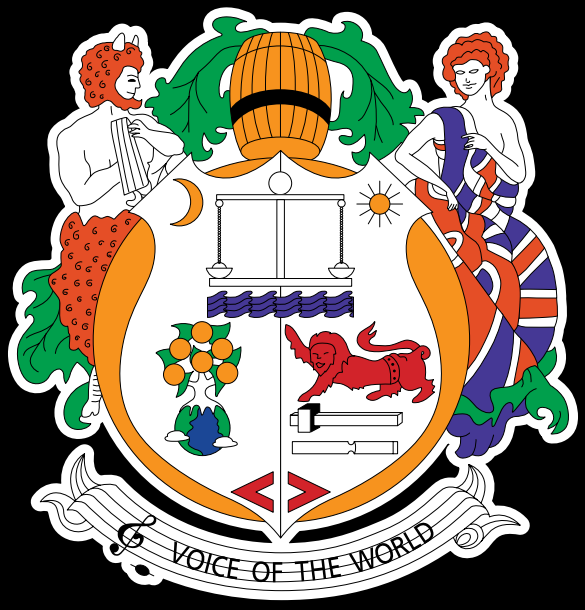
Footswitch

Accessories

Amplifier Covers
available for the entire range

Valves

UK	US	Function	Amp
EL34	6CA7	output	AD140/50, Retro 50, Rocker 30, Rockerverb100
EL84	6BQ5	output	AD 15/12, AD30s
ECC81	12AT7	preamp	AD200 Bass, AD30R, Rockerverb 50/100
ECC83	12AX7	preamp	All Models
GZ34	5AR4	rectifier	AD15/12, AD30s
6V6	6V6	output	Rockerverb 50
KT88	6550	output	AD200 Bass



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